

Question	Answer
23.	-0.87
25.	0.79
29.	10.4
31.	65°
35.	8.4
37.	21°
38.	92.6 m; 31°
42.	35°
46.	25.6 cm
49.	42° ; 138°
50a.	91°
50b.	11 mi; 14 mi
50c.	1.2 min
51.	Law of Sines
52.	Law of Cosines

Question	Answer
53.	Law of Sines
54a.	$RS = \sqrt{13} \approx 3.6$; $ST = 2\sqrt{10} \approx 6.3$; $RT = 5$
54b.	$\angle R$, because it is opposite the longest side
54c.	93°
56.	A ; possible answer: the fraction on the right side of the proportion is incorrect. It should be $\frac{\sin 70^\circ}{12} = \frac{\sin 85^\circ}{x}$, as in B.
58.	No; possible answer: to use Law of Sines, you need to know at least 1 side length and \angle measure opp. that side.